

Title (en)
Process for obtaining oxindole alkaloids.

Title (de)
Verfahren zur Gewinnung von Oxindolalkaloiden.

Title (fr)
Procédé d'obtention d'alcoldes d'oxindole.

Publication
EP 0665231 A1 19950802 (DE)

Application
EP 94890017 A 19940124

Priority
EP 94890017 A 19940124

Abstract (en)
Recovery of oxindole alkaloid (I) comprises first extracting (I)-contg. material (e.g. plant parts) with condensed CO₂ in presence of an entraining agent (II). The extract and extractant are sepd. from the material, the extractant eliminated and opt. the extract freed of co-extracted substances. Pref. extrn. is with supercritical CO₂ at 330 bar and 40-50 degrees C, and (II) as partic. water CO₂, and opt (II), are sepd. from the extract by conversion to the gaseous phase. If the starting material contains (I) in salt form, it is treated before extrn. with an aq. soln. of alkali able to convert the salts to free base, esp. 5% NH₄OH.

Abstract (de)
Zur Gewinnung von Oxindolalkaloiden aus einer Oxindolalkaloide enthaltenden Masse wird die Masse mit Kohlendioxid in verdichtetem, insbesondere überkritischem Zustand mittels eines Schleppmittels extrahiert. Der Extrakt wird zusammen mit dem Kohlendioxid von der extrahierten Masse getrennt und anschließend, insbesondere durch Überführung in die Gasphase, das Kohlendioxid vom Extrakt getrennt. Gegebenenfalls wird der Extrakt dann noch von coextrahierten Substanzen gereinigt.

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C07D 491/22; **C07D 471/20**; **A61K 31/435**; **B01D 11/02**

IPC 8 full level
C07D 471/20 (2006.01); **C07D 491/22** (2006.01)

CPC (source: EP)
C07D 471/20 (2013.01); **C07D 491/22** (2013.01); **Y02P 20/54** (2015.11)

Citation (search report)

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